

From: Davis, Katharine (AU1636)
Sent: Wednesday, December 05, 2001 5:33 PM
To: STIC-Biotech/ChemLib
Subject: Sequence Search Request

Attachment
to FOAM
paper 5

Hello

Please search SEQ ID NOS 1, 7,8,9,10 and 13 of case 09/713,794 against the commercial databases only, no interference search at this time. Thanks!

Katharine Davis
605-1195
Crystal Mall 1
11A16
Art Unit 1636
Mailbox 11E12

Searcher: _____
Phone: _____
Location: _____
Date Picked Up: _____
Date Completed: 12/10/01
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST(where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

Attachment
to FOAM
paper #5

```
### Status: Path 1 of [Dialog Information Services via Modem]
### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 3106900061...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSS?
### Status: Signing onto Dialog
*****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSS?pwz0bgdt *****
Welcome to DIALOG
### Status: Connected

Dialog level 02.02.11D

Last logoff: 10mar02 18:05:26
Logon file001 11mar02 10:29:17
*** ANNOUNCEMENT ***
***
--Connect Time joins DialUnits as pricing
options on Dialog. See HELP CONNECT for
information.
***
--SourceOne patents are now delivered to your
email inbox as PDF replacing TIFF delivery.
See HELP SOURCE1 for more information.
***
--Important news for public and academic
libraries. See HELP LIBRARY for more information.
***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
***
For information about the access to file 43 please see Help News43.
***
NEW FILES RELEASED
***TRADEMARKSCAN-Japan (File 669)
***
UPDATING RESUMED
***Delphes European Business (File 481)
***
RELOADED
***CLAIMS/US PATENTS (Files 340, 341, 942)
***Kompass Western Europe (590)
***D&B - Dun's Market Identifiers (516)

REMOVED
***Washington Post will be removed on 3/16/2002 (File 146)
***Books in Print (File 470)
***Court Filings (File 793)
***Microcomputer Software Guide Online (File 278)
***Publishers, Distributors & Wholesalers of the U.S. (File 450)
***State Tax Today (File 791)
***Tax Notes Today (File 790)
***Worldwide Tax Daily (File 792)

***New document supplier***
IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>>Get immediate news with Dialog's First Release
news service. First Release updates major newswire
databases within 15 minutes of transmission over the
wire. First Release provides full Dialog searchability
and full-text features. To search First Release files in
OneSearch simply BEGIN FIRST for coverage from Dialog's
broad spectrum of news wires.
```

```

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
>>>      of new databases, price changes, etc.      <<<
*****  

KWIC is set to 50.  

HIGHLIGHT set on as '**'  

*****  

*****  

File 1:ERIC 1966-2002/Feb 05  

(c) format only 2002 The Dialog Corporation  

Set Items Description  

---  

Cost is in DialUnits  

?b 434, 5, 155  

    11mar02 10:29:24 User259980 Session D191.1  

    $0.32    0.092 DialUnits File1  

$0.32 Estimated cost File1  

$0.32 Estimated cost this search  

$0.32 Estimated total session cost  0.092 DialUnits  

  

SYSTEM:OS - DIALOG OneSearch  

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  

(c) 1998 Inst for Sci Info  

File 5:Biosis Previews(R) 1969-2002/Mar W1  

(c) 2002 BIOSIS  

File 155:MEDLINE(R) 1966-2002/Mar W1  

Set Items Description  

---  

?s codon(w)us?(s)yeast  

>>>File 5 processing for US? stopped at USUSALLY  

>>>File 155 processing for US? stopped at USTAWIENIU  

    52424 CODON  

    6938762 US?  

    194417 YEAST  

    S1     234 CODON(W)US?(S)YEAST  

?s s1 and (replace? or modif?)  

    234 S1  

    280609 REPLACE?  

    648820 MODIF?  

    S2     20 S1 AND (REPLACE? OR MODIF?)  

?rd  

...completed examining records  

    S3     12 RD (unique items)  

?t/3/all  

3/3/1 (Item 1 from file: 5)  

DIALOG(R)File 5:Biosis Previews(R)  

(c) 2002 BIOSIS. All rts. reserv.  

  

11697640 BIOSIS NO.: 199800479371  

The correlation between synonymous and nonsynonymous substitutions in  

Drosophila: Mutation, selection or relaxed constraints?  

AUTHOR: Comerón Josep M(a); Kreitman Martin  

AUTHOR ADDRESS: (a)Dep. Ecology Evolution, Univ. Chicago, 1101 E. 57th St.,  

Chicago, IL 60637**USA  

JOURNAL: Genetics 150 (2):p767-775 Oct., 1998  

ISSN: 0016-6731  

DOCUMENT TYPE: Article  

RECORD TYPE: Abstract  

LANGUAGE: English  

  

3/3/2 (Item 2 from file: 5)  

DIALOG(R)File 5:Biosis Previews(R)  

(c) 2002 BIOSIS. All rts. reserv.  

  

11445360 BIOSIS NO.: 199800226692  

Production of the carotenoids lycopene, beta-carotene, and astaxanthin in  

the food yeast Candida utilis.

```

AUTHOR: Miura Yutaka(a); Kondo Keiji; Saito Toshiko; Shimada Hiroshi;
Fraser Paul D; Misawa Norihiko
AUTHOR ADDRESS: (a)Central Lab. Key Technol., Kirin Brewery Co. Ltd.,
1-13-5 Fukuura, Kanazawa-ku, Yokohama-shi, Ka**Japan
JOURNAL: Applied and Environmental Microbiology 64 (4):p1226-1229 April,
1998
ISSN: 0099-2240
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

11399249 BIOSIS NO.: 199800180581
Expression of a chromosomally integrated, single-copy GFP gene in *Candida albicans*, and its use as a reporter of gene regulation.
AUTHOR: Morschhaeuser J(a); Michel S; Hacker J
AUTHOR ADDRESS: (a)Zent. Infektionsforschung, Univ. Wuerzburg, Roentgenring
11, D-97070 Wuerzburg**Germany
JOURNAL: Molecular & General Genetics 257 (4):p412-420 Feb., 1998
ISSN: 0026-8925
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

11037526 BIOSIS NO.: 199799658671
Cloning and expression of the DELTA-9 fatty acid desaturase gene from
Cryptococcus curvatus ATCC 20509 containing histidine boxes and a
cytochrome b-5 domain.
AUTHOR: Meesters P A E P; Springer J; Eggink E(a)
AUTHOR ADDRESS: (a)Agrotechnol. Res. Inst., P.O. Box 17, 6700 AA Wageningen
**Netherlands
JOURNAL: Applied Microbiology and Biotechnology 47 (6):p663-667 1997
ISSN: 0175-7598
RECORD TYPE: Abstract
LANGUAGE: English

3/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

10565169 BIOSIS NO.: 199699186314
The relation between *codon* *usage*, base correlation and gene expression
level in *Escherichia coli* and *yeast*.
AUTHOR: Li Hong; Luo Liaofu
AUTHOR ADDRESS: Lab. Theoretical Phys. Biol., Inner Mongolia Univ., Hohhot
010021**China
JOURNAL: Journal of Theoretical Biology 181 (2):p111-124 1996
ISSN: 0022-5193
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

10384146 BIOSIS NO.: 199699005291
Elimination of introns at the *Drosophila* suppressor-of-forked locus by
P-element-mediated gene conversion shows that an RNA lacking a stop codon
is dispensable.

AUTHOR: Williams Carol J; O'Hare Kevin(a)
AUTHOR ADDRESS: (a)Dep. Biochem., Imperial Coll. Sci. Technol. Med.,
Imperial College Rd., South Kensington, London**UK
JOURNAL: Genetics 143 (1):p345-351 1996
ISSN: 0016-6731
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

09350736 BIOSIS NO.: 199497359106
Open reading frames in the antisense strands of genes coding for glycolytic enzymes in *Saccharomyces cerevisiae*.
AUTHOR: Boles E; Zimmermann E K(a)
AUTHOR ADDRESS: (a)Inst. Mikrobiologie, Technische Hochschule Darmstadt, Schnittspahnstr. 10, D-64287 Darmstadt**Germany
JOURNAL: Molecular & General Genetics 243 (4):p363-368 1994
ISSN: 0026-8925
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

05739077 BIOSIS NO.: 000084087484
CODON *REPLACEMENT* IN THE PGK-1 GENE OF SACCHAROMYCES-CEREVISIAE
EXPERIMENTAL APPROACH TO STUDY THE ROLE OF BIASED CODON USAGE IN GENE EXPRESSION
AUTHOR: HOEKEMA A; KASTELEIN R A; VASSER M; DE BOER H A
AUTHOR ADDRESS: DEP. CELL GENETICS, GENENTECH INC., SOUTH SAN FRANCISCO, CALIF. 94080.
JOURNAL: MOL CELL BIOL 7 (8). 1987. 2914-2924. 1987
FULL JOURNAL NAME: Molecular and Cellular Biology
CODEN: MCEBD
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

3/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

03878943 BIOSIS NO.: 000075057016
CORRELATION BETWEEN THE ABUNDANCE OF YEAST SACCHAROMYCES-CEREVISIAE TRANSFER RNA SPECIES AND THE OCCURRENCE OF THE RESPECTIVE CODONS IN PROTEIN GENES DIFFERENCES IN SYNONYMOUS CODON CHOICE PATTERNS OF YEAST AND ESCHERICHIA-COLI WITH REFERENCE TO THE ABUNDANCE OF ISO ACCEPTING TRANSFER RNA SPECIES
AUTHOR: IKEMURA T
AUTHOR ADDRESS: DEPARTMENT OF BIOPHYSICS, FACULTY OF SCIENCE, KYOTO UNIVERSITY, KYOTO 606, JAPAN.
JOURNAL: J MOL BIOL 158 (4). 1982. 573-598. 1982
FULL JOURNAL NAME: Journal of Molecular Biology
CODEN: JMBOA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

3/3/10 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

10751555 98318052 PMID: 9655346
Design, total synthesis, and functional overexpression of the *Candida rugosa* lip1 gene coding for a major industrial lipase.

Brocca S; Schmidt-Dannert C; Lotti M; Alberghina L; Schmid RD
Institut fur Technische Biochemie, Universitat Stuttgart, Germany.
Protein science (UNITED STATES) Jun 1998, 7 (6) p1415-22, ISSN
0961-8368 Journal Code: BNW
Languages: ENGLISH
Document type: Journal Article
Record type: Completed

3/3/11 (Item 2 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

06507122 89114391 PMID: 3217790
Chemical synthesis and cloning of secretin gene.
Qian SW; Chen CQ; Li ZP
Division of Molecular Genetics, Shanghai Institute of Biochemistry,
Academia Sinica.
Scientia Sinica. Series B, Chemical, biological, agricultural, medical &
earth sciences (CHINA) Jun 1988, 31 (6) p687-94, ISSN 0253-5823
Journal Code: UIW
Languages: ENGLISH
Document type: Journal Article
Record type: Completed

3/3/12 (Item 3 from file: 155)
DIALOG(R)File 155: MEDLINE(R)

05542308 88040421 PMID: 2444925
Translation and stability of an Escherichia coli beta-galactosidase mRNA
expressed under the control of pyruvate kinase sequences in Saccharomyces
cerevisiae.
Purvis IJ; Loughlin L; Bettany AJ; Brown AJ
Institute of Genetics, University of Glasgow, UK.
Nucleic acids research (ENGLAND) Oct 12 1987, 15 (19) p7963-74,
ISSN 0305-1048 Journal Code: O8L
Languages: ENGLISH
Document type: Journal Article
Record type: Completed

?logoff

```
11mar02 10:31:10 User259980 Session D191.2
$1.38 0.081 DialUnits File434
$1.38 Estimated cost File434
$2.41 0.430 DialUnits File5
$15.75 9 Type(s) in Format 3
$15.75 9 Types
$18.16 Estimated cost File5
$1.64 0.512 DialUnits File155
$0.63 3 Type(s) in Format 3
$0.63 3 Types
$2.27 Estimated cost File155
OneSearch, 3 files, 1.023 DialUnits FileOS
$0.13 TYMNET
$21.94 Estimated cost this search
$22.26 Estimated total session cost 1.114 DialUnits
```

Status: Signed Off. (2 minutes)

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l9 same codon\$	22	<u>L10</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	modif\$ near2 yeast\$	498	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l7 same yeast\$	332	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	modif\$ same codon\$	4397	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l3 same l5	36	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	codon\$ near2 yeast\$	321	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l3 same yeast\$	200	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	replace\$ same codon\$	3011	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 same (recode or prefer\$)	37	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	codon usage same yeast\$	200	<u>L1</u>

Attachment
to paper #5
FORM

WEST

[Help](#)[Logout](#)[Interrupt](#)
[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#)

Search Results -

Term	Documents
CODON\$	0
CODON.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	18818
CODONA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CODONAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
CODONAND.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CODOND.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
CODONE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	12
CODONER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
CODONERGAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CODONERGAL-J-V.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L9 SAME CODON\$).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	22

[There are more results than shown above. Click here to view the entire set.](#)

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Database:

Search History

Today's Date: 12/11/2001